

beneficial because the surfaces can be mass produced without substantial variation from product-to-product and without using relatively complicated processing techniques.

"Microreplication" or "microreplicated" means the production of a microstructured surface through a process where the structured surface features retain an individual feature fidelity during manufacture, from product-to-product, that varies no more than about 50 micrometers. The microreplicated surfaces preferably are produced such that the structured surface features retain an individual feature fidelity during manufacture, from product-to-product, which varies no more than 25 micrometers. In accordance with the present invention, a microstructured surface comprises a surface with a topography (the surface features of an object, place or region thereof) that has individual feature fidelity that is maintained with a resolution of between about 50 micrometers and 0.05 micrometers, more preferably between 25 micrometers and 1 micrometer. - -

IN THE CLAIMS

Please cancel claims 10-12, 14-38, 42, 47, 48, 51, 52, 55-59, 62-71, 76, 78-80, and 86-101 as being drawn to a non-elected invention.

Please amend claim 1 as follows:

1. (Twice Amended) A detection article comprising:
at least one polymeric fluid control film layer having at least one microstructured major surface including a plurality of microchannels therein, the microchannels configured for uninterrupted fluid flow of a fluid sample, the film layer including an acquisition zone wherein portions of the plurality of microchannels draw the fluid sample into the plurality of microchannels through openings in the microchannels at least by spontaneous fluid transport, and a detection zone in uninterrupted fluid communication with the acquisition zone along the microchannels, the detection zone including at least one detection element that facilitates detection of a characteristic of the fluid sample within at least one microchannel of the detection zone.

REMARKS

The above listed claim amendments along with the following remarks are fully responsive to the Final Office Action set forth above. Claims 1-9, 13, 39-41, 43-46, 49, 50,